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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Attorney Docket No.	04-40018-US
First Inventor	Igor E. Bondarev
Title	Modulation of Line-1
Express Mail Label No.	EV 342396489 US

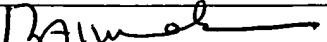
APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450																												
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i> 3. <input checked="" type="checkbox"/> Specification [Total Pages <u>45</u>] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>5</u>] 5. Oath or Declaration [Total Sheets <u>3</u>] <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <i>Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i> 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76																														
7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS <table border="0" style="width: 100%;"> <tr> <td style="width: 10%;">9.</td> <td><input type="checkbox"/> Assignment Papers (cover sheet & document(s))</td> <td style="width: 10%;">Power of Attorney</td> </tr> <tr> <td>10.</td> <td><input type="checkbox"/> 37 CFR 3.73(b) Statement</td> <td><input type="checkbox"/> (when there is an assignee)</td> </tr> <tr> <td>11.</td> <td><input type="checkbox"/> English Translation Document (<i>if applicable</i>)</td> <td><input type="checkbox"/> Copies of IDS Citations</td> </tr> <tr> <td>12.</td> <td><input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449</td> <td></td> </tr> <tr> <td>13.</td> <td><input type="checkbox"/> Preliminary Amendment</td> <td></td> </tr> <tr> <td>14.</td> <td><input type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></td> <td></td> </tr> <tr> <td>15.</td> <td><input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></td> <td></td> </tr> <tr> <td>16.</td> <td><input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</td> <td></td> </tr> <tr> <td>17.</td> <td><input checked="" type="checkbox"/> Other: <i>Transmittal letter.....</i></td> <td><input type="checkbox"/> Return postcard.....</td> </tr> </table>				9.	<input type="checkbox"/> Assignment Papers (cover sheet & document(s))	Power of Attorney	10.	<input type="checkbox"/> 37 CFR 3.73(b) Statement	<input type="checkbox"/> (when there is an assignee)	11.	<input type="checkbox"/> English Translation Document (<i>if applicable</i>)	<input type="checkbox"/> Copies of IDS Citations	12.	<input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449		13.	<input type="checkbox"/> Preliminary Amendment		14.	<input type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>		15.	<input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>		16.	<input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.		17.	<input checked="" type="checkbox"/> Other: <i>Transmittal letter.....</i>	<input type="checkbox"/> Return postcard.....
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18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner _____ Art Unit: _____
 For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number:	07066	OR	<input type="checkbox"/> Correspondence address below	
Name				
Address				
City	State	Zip Code		
Country	Telephone	Fax		
Name (Print/Type)	Nanda P.B.A. Kumar		Registration No. (Attorney/Agent)	44,853
Signature			Date	January 15, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,071.00)

Complete if Known

Application Number	TBA
Filing Date	Herewith (January 15, 2004)
First Named Inventor	Igor E. Bondarev
Examiner Name	TBA
Art Unit	TBA
Attorney Docket No.	04-40018-US (501661.20001)

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number 18-0586
Deposit Account Name ReedSmith LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	385
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 385)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	58	-20** = 38	x 9 = 342
Independent Claims	11	- 3** = 8	x 43 = 344
Multiple Dependent			=

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 386)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

(Complete if applicable)

Name (Print/Type)	Nanda P.B.A. Kumar	Registration No. (Attorney/Agent)	44,853	Telephone	215-241-7991
Signature					
Date	January 15, 2004				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Philadelphia, PA 19103-7301
215.851.8100
Fax 215.851.1420

January 15, 2004

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RE: Serial No. TBA
Applicant: Igor E. Bondarev
Filed: Herewith (January 15, 2004)
For: Modulation of Line-1 Reverse Transcriptase
Docket No. 04-40018-US (501661.20001)

Dear Sir:

Enclosed are the following for filing in connection with the above-referenced application:

1. Utility Patent Application Transmittal;
2. Fee Transmittal for FY 2004;
3. 45 page utility patent application including specification, claims & abstract;
4. Unexecuted Declaration and Power of Attorney;
5. 5 sheets of drawings;
6. A check in the amount of \$1,071.00; and
7. A self-addressed stamped postcard, return of which is requested to acknowledge receipt of the enclosed documents.

* * * * *

EXPRESS MAIL CERTIFICATE (37 CFR 1.10)

Express Mail Label No. EV 342396489 US

Date of Deposit January 15, 2004

I hereby certify that this paper, and the papers and/or fees referred to herein as transmitted, submitted or enclosed, are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Name: Elaine Weisbecker

Signature Elaine Weisbecker

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FALLS CHURCH • WILMINGTON • NEWARK • MIDLANDS, U.K. • CENTURY CITY • RICHMOND • HARRISBURG • LEESBURG • WESTLAKE VILLAGE

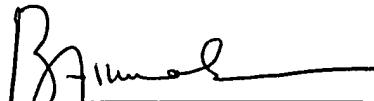
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Commissioner for Patents
January 15, 2004
Page 2

ReedSmith

The Commissioner is hereby authorized to charge any additional fees due, or credit any overpayment to Deposit Account No. 18-0586.

Respectfully submitted,



Stanley P. Fisher
Registration No. 24,344
Nanda P.B.A. Kumar
Registration No. 44,853
Attorneys for Applicant

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1650 Market Street
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Nanda P.B.A. Kumar
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